

APPENDIX

Changes to Claims:

Claims 6-18 are added.

The following is a marked-up version of the amended claim 3:

3. (Twice Amended) A surface sensing device for use in position determining apparatus and which includes a ~~hollow~~-stylus having a workpiece-contacting tip and an optical transducer system, said optical transducer system comprising a light source for producing a beam of light directed internally of the stylus towards the tip of the stylus, an optical component mounted adjacent the tip of the stylus to return the beam, and a detector positioned relative to the returned beam to receive the beam and to produce a signal indicative of a lateral displacement of the stylus tip, wherein the optical component is a retro-reflecting device which is substantially insensitive to tilting of the stylus tip.